

PUBLIC WORKS DEPARTMENT IMPROVEMENT EVALUATION SUMMARY

Type of project: ☐ Subdivision ☐ Commercial ☐ Single Family
☐ Multi-Family ☐ Muni/Gov't ☐ Miscellaneous

Project Name:

Project Location:

Permit No.:

Contact:

Phone No.:

** FOR CITY USE ONLY **

1. Total Value of Public Work Required:

2. Review & Inspection Fee * :

3. Total Value of Private Work Required:

4. Performance Security (Recording) ** :

5. Maintenance Security Value:

*The Review and Inspection Fee is 10% of Total Value of Public Work Required (column 1), plus value of private storm (column 2, #5)

** 17.5% of the total construction value will be added to the Performance Security for Mobilization, Traffic Control, Surveying, Engineering, and

IMPROVEMENT EVALUATION

This form must be completed by the developer (or representative) and shall include work required by the official Notice of Approval or conditions on the permit. Quantity take-offs shall be from documents approved by the City of Kirkland.

PUBLIC WORK will be owned and maintained by the City after the appropriate maintenance period and will be subject to review and inspection fees per KMC Section 5.74.040. For subdivision work, this will include the on-site detention system.

PRIVATE WORK will be owned and maintained by the property owner(s), and is subject to the above fees. For subdivisions, include the remainder of the on-site drainage system (excluding the detention system) and any easement road paving. For all other types of projects, include the on-site storm drainage system only.

	Column 1	Column 2	Column 3
Items Required	Value of Public Work	Value of Private Work	Total Value
1. Constr. Storm Drainage			
2. Clearing and Grading			
3. Water System			
4. Sanitary Sewer System			
5. Storm Drainage System			
6. LID - Storm Drainage			
7. Paving			
8. Curb and Gutter			
9. Sidewalks			
10. Landscaping			
11. Miscellaneous			
12. Other Agency Improvements			
13			
TOTALS			

I hereby certify the above to be an accurate representation of the required construction for the above referenced project.

Agent/Owner	Date
City	Date

CONSTR. STORM DRAINAGE - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Silt Fence, Installed	LF		\$6.00	
Grading for Drainage Swales	LF		\$6.00	
Sod for Drainage Swales	SY		\$6.00	
Hydroseeding	SY		\$3.00	
Construction Entrance	EA		\$1,500.00	
Inlet Protection	EA		\$80.00	

Construction Storm Drainage - Total

CLEARING AND GRADING - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Half-Street Improvements	LF		\$12.00	
Full Street Improvements	LF		\$24.00	

Clearing and Grading - Total

WATER SYSTEM - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Water service - 3/4" to 1"	LS		\$1,600.00	
Water service - 1 1/2" to 2"	LS		\$3,400.00	
4" Pipe	LF		\$65.00	
6" Pipe	LF		\$70.00	
8" Pipe	LF		\$100.00	
2" Gate Valve (G.V.)	EA		\$300.00	
4" G.V.	EA		\$600.00	
6" G.V.	EA		\$800.00	
8" G.V.	EA		\$1,000.00	
Connection to ex. Main	EA		\$4,500.00	
Fire Hydrant Assembly	EA		\$3,600.00	
2" Blow Off	EA		\$2,200.00	
Air and Vacuum Assembly	EA		\$2,500.00	
Valve Marker Post	EA		\$200.00	

Water System - Total

SANITARY SEWER SYSTEM- PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
6" PVC pipe	LF		\$100.00	
8" PVC pipe	LF		\$120.00	
12" PVC pipe	LF		\$150.00	
Extra Depth Excav. (over 12' dee FT*LF			\$8.00	
Manhole, 48"	EA		\$3,600.00	
Manhole, 54" (for drop MH's only)	EA		\$4,000.00	
Internal Drop Structure	EA		\$970.00	
Rechannel Existing MH	EA		\$2,660.00	
Cast Iron Clean-Out Cover	EA		\$160.00	
Clean Out Assembly	EA		\$400.00	

Sanitary Sewer System - Total	
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STORM DRAINAGE SYSTEM - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
8" Pipe	LF		\$40.00	
12" Pipe	LF		\$50.00	
18" Pipe	LF		\$60.00	
24" Pipe	LF		\$75.00	
30" Pipe	LF		\$80.00	
36" Pipe	LF		\$90.00	
48" Pipe	LF		\$100.00	
Detention Pipe	LF			
Detention Vault	LS			
Extra Depth Excav. (over 12' dee FT*LF			\$6.00	
Curb Inlet	EA		\$880.00	
Type I Catch Basin	EA		\$1,200.00	
Type II Catch Basin	EA		\$1,400.00	
Type II CB - 48"	EA		\$3,900.00	
Type II CB - 54"	EA		\$4,000.00	
CMP Access Riser	EA		\$1,600.00	
Connection to Existing CB	EA		\$1,100.00	
Restrictor/Pollution Control - 8"	EA		\$900.00	
Restrictor/Pollution Control - 12"	EA		\$900.00	
Pollution Control Tee	EA		\$500.00	
Debris Barrier	EA		\$250.00	
Biofiltration Swale	LF		\$15.00	

Storm Drainage System - Total

Low Impact Development - Public Storm Drainage

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Pervious Concrete (5' wide)	LF		\$60.00	
Porous Asphalt	SY		\$80.00	
Rain Gardens	SY		\$120.00	
Infiltration Trench (10 ft)	EA		\$300.00	
Porous Pavers	SY		\$50.00	
Soil Amendment	SY		\$7.00	

LID Drainage (Public) - Total

PAVING - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
AC Pavement Patching	SY		\$40.00	
4" Crushed Rock	SY		\$10.00	
Bank Run Gravel: 3" minus, in place	CY		\$30.00	
4" Asphalt Treated Base (ATB)	SY		\$35.00	
2" Class B Asphalt Pavement	SY		\$20.00	
Saw Cut AC Pavement	LF		\$2.00	
Cold Planing (Grinding) & Hauling	SY		\$12.00	
Adjust Existing Utility	EA		\$350.00	

Paving - Total

CURB AND GUTTER - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Concrete Extruded Curb	LF		\$8.00	
Asphalt Extruded Curb	LF		\$8.00	
Conc. Curb & Gutter, Type A	LF		\$35.00	

Curb and Gutter - Total

SIDEWALKS - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
5' Concrete Sidewalk	LF		\$30.00	
Concrete Sidewalk (other than 5')	SF		\$6.00	
5' Concrete Driveway	LF		\$35.00	
Asphalt Walkways, Class B	SY		\$18.00	
Wheel Chair Ramps	EA		\$1,400.00	
Steel Pipe Handrail	LF		\$80.00	
Vinyl Fencing	LF		\$40.00	
Speed Hump Restoration	EA		\$1,500.00	
5' Pervious Sidewalk	LF		\$40.00	

Sidewalks - Total	
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LANDSCAPING - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Street Trees	EA		\$450.00	
Sod	SY		\$10.00	
Rockery Wall	SY		\$400.00	

Landscaping - Total	
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MISCELLANEOUS - PUBLIC WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Monuments	EA		\$380.00	
Street Signs	EA		\$220.00	
Pavement Marking	LF		\$1.00	
Mailbox Structure	EA		\$700.00	
Type III Fixed Barricade	EA		\$400.00	
Bollards	EA		\$700.00	
Thermoplastic Crosswalk Marking	LF		\$2.85 or \$500 min	
Street Light	EA		\$4,000.00	
PED Light	EA		\$5,000.00	

Miscellaneous - Total	
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PAVING - PRIVATE WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
4" Crushed Rock	SY		\$10.00	
4" Asphalt Treated Base (ATB)	SY		\$35.00	
2" Class B Asphalt Pavement	SY		\$20.00	

Paving - Total	
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MISCELLANEOUS - PRIVATE WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Property Corners	EA		\$300.00	
Street Signs	EA		\$220.00	
Fire Lane Marking	LF		\$2.00	
UG Utilities to Existing House	EA		\$2,500.00	
Tight-Line ex. House Roof Drains	LF		\$15.00	

Miscellaneous - Total	
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STORM DRAINAGE SYSTEM - PRIVATE WORK

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
4" - 6" Pipe	LF		\$15.00	
8" Pipe	LF		\$40.00	
12" Pipe	LF		\$50.00	
18" Pipe	LF		\$60.00	
24" Pipe	LF		\$75.00	
Detention Pipe	LF			
Detention Vault	LS			
Yard Basin	EA		\$265.00	
Curb Inlet	EA		\$880.00	
Type I Catch Basin	EA		\$1,200.00	
Type IL Catch Basin	EA		\$1,400.00	
Type II CB - 48"	EA		\$3,900.00	
Type II CB - 54"	EA		\$4,000.00	
CMP Access Riser	EA		\$1,600.00	
Connection to Existing CB	EA		\$1,100.00	
Restrictor/Pollution Control - 8"	EA		\$900.00	
Restrictor/Pollution Control - 12"	EA		\$900.00	
Pollution Control Tee	EA		\$500.00	
Debris Barrier	EA		\$250.00	
Biofiltration Swale	LF		\$15.00	

Storm Drainage System - Total

Low Impact Development - Private Storm Drainage

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Pervious Concrete (5' wide)	LF		\$60.00	
Porous Asphalt	SY		\$80.00	
Rain Gardens	SY		\$120.00	
Infiltration Trench (10 ft)	EA		\$300.00	
Porous Pavers	SY		\$50.00	
Soil Amendment	SY		\$7.00	

LID Drainage (Private) - Total

Other Agency Improvements

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
Northshore Utility District	LS			
Woodinville Water District	LS			
Puget Sound Energy	LS			

Other Agency - Total	
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